

**“SYSTEM AND METHOD FOR ADDING TRANSPORT  
PROTOCOLS IN DISTRIBUTED MIDDLEWARE  
APPLICATIONS”**

5

**Abstract of the Disclosure**

10 A connection bridge mechanism for adding  
arbitrary protocols into a middleware-based application without  
accessing the source code for the middleware or producing a  
new version of the middleware source code. Using a  
connection bridge allows the plugged in protocol to be utilized  
by the middleware without requiring that the same O/S  
primitives which are utilized internally by the middleware be  
supported by the plugged in protocol. The plugged in protocol  
15 can be utilized in addition to the internally supported  
middleware protocols or it can replace the existing middleware  
protocols. The connection bridge provides the communication  
between the protocols and the middleware package. The  
connection bridge queues the requests from the protocols and

notifies the middleware when there are requests pending for action by the middleware.

Attorneys' Docket No. 10839-31939

5